

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CATHODE ASSEMBLY FOR INDIRECTLY HEATED CATHODE ION SOURCE

the specification of which is attached hereto unless the following is checked:

☐ was filed on _____, as Application No. _____, bearing attorney docket No. _____, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

| | | | Priority Claimed | |
|----------|-------------------------------|------------------|------------------------------|-----------------------------|
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| _____ | _____ | _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| _____ | _____ | _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| (Number) | (Country-if PCT, so indicate) | (DD/MM/YY Filed) | <input type="checkbox"/> YES | <input type="checkbox"/> NO |
| _____ | _____ | _____ | <input type="checkbox"/> YES | <input type="checkbox"/> NO |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

| | |
|----------------------|----------------|
| <u>60/204,936</u> | <u>5-17-00</u> |
| (Application Number) | (filing date) |
| <u>60/204,938</u> | <u>5-17-00</u> |
| (Application Number) | (filing date) |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

| | | |
|--------------------------|----------------------|--|
| <u>(Application No.)</u> | <u>(filing date)</u> | <u>(status-patented, pending, abandoned)</u> |
| <u>(Application No.)</u> | <u>(filing date)</u> | <u>(status-patented, pending, abandoned)</u> |

PCT International Applications designating the United States:

| | | | |
|------------------------|------------------------|--------------------------|--|
| <u>(PCT Appl. No.)</u> | <u>(U.S. Ser. No.)</u> | <u>(PCT filing date)</u> | <u>(status-patented, pending, abandoned)</u> |
|------------------------|------------------------|--------------------------|--|


I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| | | | | | | | |
|----------------------|--------|---------------------|--------|---------------------------|--------|----------------------|--------|
| David Wolf | 17,528 | Jason M. Honeyman | 31,624 | James M. Hanifin, Jr. | 37,929 | Mark Steinberg | 40,829 |
| George L. Greenfield | 17,756 | James H. Morris | 34,681 | Christopher S. Schultz | 39,039 | Stephen R. Finch | 42,534 |
| Stanley Sacks | 19,900 | Peter C. Lando | 34,654 | John R. VanAmsterdam | 33,228 | Joseph Teja, Jr. | 45,157 |
| Edward F. Perlman | 28,105 | Gary S. Engelson | 35,128 | Matthew B. Lowrie | 36,904 | Jeffrey B. Powers | 45,021 |
| Lawrence M. Green | 29,384 | Randy J. Pritzker | 35,986 | Robert E. Rigby, Jr. | 41,316 | Alan W. Steele | 45,128 |
| Steven J. Henry | 27,900 | Richard F. Giunta | 36,149 | Robert A. Skrivaneck, Jr. | 40,886 | Daniel P. McLoughlin | 46,066 |
| Edward R. Gates | 31,616 | Douglas R. Wolf | 36,971 | Robert M. Abrahamsen | 37,482 | Robert H. Walat | 46,324 |
| Therese A. Hendricks | 30,389 | Elizabeth R. Plumer | 36,637 | Edward J. Russavage | 43,069 | Thomas G. Field | 45,596 |
| William R. McClellan | 29,409 | Timothy J. Oyer | 36,628 | William G. Gosz | 27,787 | Michael J. Pomianek | 46,190 |
| Ronald J. Krandsdorf | 20,004 | John N. Anastasi | 37,765 | Neil P. Ferraro | 39,188 | M. Brad Lawrence | 47,210 |
| M. Lawrence Oliverio | 30,915 | Helen C. Lockhart | 39,248 | Lisa E. Winsor | 44,405 | | |
| Gary L. Loser | 30,656 | | | | | | |

Address all telephone calls to Gary L. Loser at telephone no. (978) 282-2006. Address all correspondence to:

Gary L. Loser, Esq.
 Vice President and General Counsel
 Varian Semiconductor Equipment Associates, Inc.
 35 Dory Road
 Gloucester, MA 01930

I hereby declare that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Inventor's signature

3/23/01
Date


Full name of sole or first inventor: Joseph C. Olson
Citizenship: United States
Residence: 5 College Lane
Beverly, MA 01915
Post Office Address: 5 College Lane
Beverly, MA 01915



Inventor's signature

26 March 01
Date

Full name of second or joint inventor: Leo Klos
Citizenship: United States
Residence: 289 High Street
Newburyport, MA 01950
Post Office Address: 289 High Street
Newburyport, MA 01950



Inventor's signature

29 March 01
Date

Full name of third or joint inventor: Anthony Renau
Citizenship: Great Britain
Residence: 323 Main Street
West Newbury, MA 01985
Post Office Address: 323 Main Street
West Newbury, MA 01985



Inventor's signature

4/2/01
Date

Full name of fourth or joint inventor: Nicholas A. Venuto
Citizenship: United States
Residence: 53 Forest Street,
Apt. 2
Arlington, MA 02476
Post Office Address: 53 Forest Street,
Apt. 2
Arlington, MA 02476